

**Route 713 - Bridge over Walker Creek, Giles County
Project 0713-035-189, P106, B628, C501**

**Revised Offeror Questions and VDOT Responses
August 31, 2006**

Below are the questions VDOT has received from Offerors during the Q&A period for this project closing August 15, 2006. VDOT answers follow each question.

Question 1: Referencing Part 1, Section 4.3.4.2.2 (page 17 of 37). What is the Department's definition for resource loading to be included in the proposed project schedule?

Answer 1: Resource loading should include types and quantities of labor and equipment anticipated to perform each major activity within the proposed project schedule and Work Breakdown Structure. Examples of Work Breakdown Structures and Resource Loading are provided on the Website under this document.

Question 2: Referencing Part 1, Section 4.3.5.4.1 (page 17 of 37). Can the Department provide a copy of the referenced VDOT QA/QC requirements?

Answer 2: The Department does not have a specific document it can provide that details QA/QC requirements. These requirements are a component of various VDOT documents referenced in the RFP to include, the VDOT Road and Bridge Specifications, Construction Manual, Inspection Manual, Materials Manual, etc. Offerors are responsible for identifying and implementing applicable requirements and contacting the VDOT Project Manager for any needed clarification and approvals prior to commencement of activities.

Question 3: Referencing Part 1, Section 4.3.7 (page 18 of 37). Does the DBE requirement need to be met for design AND construction services or can it be met for the project as a whole - for example - all DBE component in design services OR all DBE component in construction services?

Answer 3: The DBE goal can be met for the project as a whole.

Question 4: Referencing Part 1, Section 11.5.1 (page 30 of 37). What are the Department's specific requirements for trainee and apprenticeship program participation on the project?

Answer 4: This project requires one position to fulfill participation for this program. The Department's requirements for the trainee and apprentice program are described in Section 518 of the VDOT Road and Bridge Specifications. The successful Offeror will

be required to coordinate its plans to meet this requirement with the VDOT Project Manager prior to commencement of construction activities.

Question 5: Referencing Part 2 (page 5 of 20), Does the Department intend that this bridge (with ADT of 30 and leading to a dead end on the east side of the structure) be designed for the Alternate Military Loading?

Answer 5: Yes

Question 6: Part 2, Section 2.2 (page 6 of 20) The Summary Table of Moments, Shears, Reactions, and Stresses and the Load Rating and Load Rating Report are items that seem excessive for a bridge as described in the RFP - Is it the Department's intent to require submission of these items as part of final design?

Answer 6: Yes

Question 7A: Referencing Part 2, Section 2.7.2 (page 12 of 20), Is an electronic version of the hydrologic and hydraulic analysis performed by the Department available for use by the Offerors?

Answer 7A: Yes, an electronic version of the H&HA and model has been posted to the project website as a subfile to the Pre-proposal Meeting Question and Answers.

Question 7B: The preliminary hydrologic and hydraulic analysis report states that a sketch of the final scoured bed profile and the check scoured bed profile is attached to the report. (See Page 2 of 4 of Form LD-293). The profiles are not attached to the report. Can the Department provide a copy of the scoured bed profiles?

Answer 7B: No. A Scour Analysis was not conducted by VDOT as part of the Preliminary H&HA. Thus, this information can not be provided. As described in Section 2.7.2 of RFP Part 2, the Offeror will be responsible for providing a preliminary and final H&HA, to include Scour Analysis, to support its proposed design. This analysis will be subject to VDOT review and approval prior to commencement of construction.

Question 8: --Will VDOT allow for one way traffic on Route 670 using some type of traffic control device to allow more room for the contractor to work?

Answer 8: The Department will consider temporary lane closures of up to four months duration. To be considered, any proposed lane closure must; be placed in accordance with requirements of the current MUTCD and Virginia Work Area Protection Manual; maintain a minimum 12-foot travel lane at all times for the traveling public; and must be reviewed and approved by VDOT prior to commencement of construction as part of the project's Maintenance of Traffic Plan. The Department will not permit detours or road closures on Route 670.

Question 9: --Will VDOT allow for one lane traffic on Route 713 considering the low volumes and the existing one lane bridge?

Answer 9: No

Question 10: Should the rubble stone abutments be removed?

Answer: 10: Per VDOT Road and Bridge Specification Section 413 for demolition and removal of existing structures, the rubble stone abutments should be removed. Offerors should determine and include in proposals any needed slope protection and shoring that is needed to support the proposed design, demolition and removal of the existing structure, and results of it's H&HA and Scour Analysis.